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<b>INFORMATION DISCLOSURE CITATION PTO-1449</b>	Atty. Docket No. 000152	Serial No.
	Applicant: Zenoviy TKACHUK	
	Filing Date: March 24, 2000	Group Art Unit:

### U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA					
_____	AB					

### FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Translation (Yes or No)
_____	AC		
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### OTHER DOCUMENTS

SLC	AE	Prokopenko, L.H., Siplivaya, L.E., Erythrocytes as modulators of immunologic reactions, Uspekhi Fiziollogicheskikh Nauk., V.23, N.4, P.89-106, 1992
	AF	Karalnik, B.V., Erythrocytes, their receptors, and immunity, Uspekhi Sovremennoy Biologii., V.112, N.1, P.52-61, 1992
	AG	Kordyum, V.A., Kirilova, V.S., Likhachova, L.I., Biological action of exogenous nucleic acids, Visnyk ASC USSR, V.41, N.6, P.67-78, 1977
	AH	Courtright, L.J., Kuzell, W.C., Sparing effect of neurological deficit and trauma on the course of adjuvant arthritis in the rat, Ann, rheum, dis., N.24, P.360-367, 1965
	AI	Terskov, A., Gitelzon, I., The method of chemical (acid) erythrograms, Biophysika V.1, N.20, 1956
SLC	AJ	Kosaka, H., Harada, N., Watanabe, M., Yoshihara, H., Katsuki, Y., Shiga, T., Synergistic stimulation of nitric oxide 1 and tumor necrosis factor, Biochemical and Biophysical Research Communications, V.189, N.1, P.392-397, 1992
Examiner	Shin-Lin Chen	
Date Considered	7-3-02	

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_____	BA					
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Document No.	Date	Country	Translation (Yes or No)
_____	BC		
_____	BD		

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<u>guc</u> _____   _____   _____   _____   _____ <u>guc</u>	BE	Huot, A.E., Kruszyna, H., Smith, R.P., Hacker, M.P., Formation of nitric oxide hemoglobin in erythrocytes co-cultured with alveolar macrophages taken from bleomycin treated rats, Biochemical and Biophysical Research Communications, V.182, N.1, P.151-157, 1992
	BF	Sato, Y., Kamo, S., Takahashi, T., Suzuki, Y., Mechanism of free radical-induced hemolysis of human erythrocytes: hēmolysis by water-soluble radical initiator, Biochemistry, N.34, P.8940-8949, 1995
	BG	Eich, R.F., Li, T., Lemon, D.D., Doherty, D.H., Curry, S.R., Aitken, J.F., Matthews, A.J., Johnson, K.A., Smith, R.D., Phillips, G.N., Olsen, J.S., Mechanism of NO-induced oxidation of myoglobin and hemoglobin, Biochemistry, N.35, P.6976-6983, 1996
	BH	Mueller, B., Maass, B., Krause, W., Witt, W., Limitation of myocardial unperfused area and necrotic zone 24 hours and 7 days after coronary artery ligation in rats by the stable prostacyclin analogue iloprost, Prostaglandins Leukotrienes and Medicine, N.21, P.331-340, 1986
	BI	Khawaja, J., Interaction of ribosomes and ribosomal subparticles with endoplasmic reticulum membranes <i>in vitro</i> : Effect of spermine and magnesium, Biochimica et Biophysica Acta, N.254, P.117-128, 1971
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4/16	CE	Cundliffe, E., Intracellular distribution of ribosomes and polyribosomes in <i>bacillus megaterium</i> , Mol. Biol., N.52, P.467-481, 1970				
_____	CF	Hibbs, J.B., Taintor, R.R., Vavrin, Z., Rachlin, E.M., Nitric oxide: A cytotoxic activated macrophage effector molecule, Biochemical and Biophysical Research Communications, V.157, N.1, P.87-94, 1988				
_____	CG	Scott-Burden, T., Hawtrey, A.O., Preparation of ribosome-free membranes from rat liver microsomes by means of lithium chloride, Biochem.J., N.115, P.1063-1069, 1969				
_____	CH	Mainwaring, W.I.P., The effect of age on protein synthesis in mouse liver, Biochem.J., N.113, P.869-878, 1969				
_____	CI	Yan, L., Vandivier, W., Suffredini, A.F., Danner, R.L., Human polymorphonuclear leukocytes lack detectable nitric oxide synthase activity, The Journal of Immunology, P.1825-1834, 1994				
4/16	CJ	Arnet, U.A., McMillan, A., Dinnerman, J.L., Ballerman, B., Lowenstein, C., Regulation of endothelial nitric-oxide synthase during hypoxia, Journal of Biological Chemistry, V.271, N.25, P.15069-15073, 1996				
<table border="0"> <tr> <td>Examiner</td> <td>Shin-Lin Chen</td> <td>Date Considered</td> <td>7-3-02</td> </tr> </table>			Examiner	Shin-Lin Chen	Date Considered	7-3-02
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<u>4u</u> _____   _____   _____   <u>4u</u> _____	DE	Balligand, J.L., Kobzik, L., Han, X., Kaye, D.M., Belhassen, L., O'Hara, D.S., Kelly, R.A., Smith, T.W., Michel, T., Nitric oxide-dependent parasympathetic signaling is due to activation of constitutive endothelial (type III) nitric oxide synthase in cardiac myocytes, The Journal of Biological Chemistry, V.270, N.24, P.14582-14586, 1995
	DF	Salkowski, C.A., Detore, G., McNally, R., Rooijen, N.v., Vogel, S.N., Regulation of inducible nitric oxide synthase messenger RNA expression and nitric oxide production by lipopolysaccharide in vivo, The Journal of Immunology, P.905-912, 1996
	DG	Peng, HB., Spiecker, M., Liao, J.K., Inducible nitric oxide: An autoregulatory feedback inhibitor of vascular inflammation, The Journal of Immunology, P.1970-1976, 1998
	DH	Gumina, R.J., Schultz, J.E., Yao, Z., Kenny, D., Warltier, D.C., Newman, P.J., Gross, G.J., Antibody to platelet/endothelial cell adhesion molecule-1 reduces myocardial infarct size on a rat model of ischemia-reperfusion injury, Circulation, V.94, N.12, P.3327-3333, 1996
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<u>4u</u> _____   _____   _____   _____   _____   <u>6u</u>	EE	Levine, L., Morgan, R.A., Lewis, R.A., Austen, K.F., Clark, D.A., Marfat, A., Corey, E.J., Radioimmunoassay of the leukotrienes of slow reacting substance of anaphylaxis, <i>Proc. Natl. Acad. Sci. USA</i> , V.78, N.12, P.7692-7696, 1981
	EF	Rodionova, N.P., Shapot, V.S., Ribonucleic acids of the endoplasmic reticulum of animal cells, <i>Biochim. Biophys. Acta.</i> , N.129, P.206-209, 1966
	EG	Lukacs, G.L., Kapus, A., Nanda, A., Romanek, R., Grinstein, S., Proton conductance of the plasma membrane: properties, regulation and functional role, American Physiological Society, P.C3-C14, 1993
	EH	Moscat, J., Moreno, F., Herrero, C., Iglesias, S., Garcia-Barreno, P., Arachidonic acid releasing systems in pig aorta endothelial cells, <i>Biochemical and Biophysical Research Communications</i> , V.139, N.3, P.1098-1103, 1986
	EI	Zavodnik, I.B., PiletSkaya, T.P., Acid-induced Haemolysis of Human Erythrocytes, <i>Belarussian Acad. Sci.</i> , P.1106-1112, 1997
	EJ	
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<div style="text-align: center;"> </div>	GE	Bradley, P.P., Priebat, D.A., Christensen, R.D., Rothstein, G., Measurement of cutaneous inflammation: estimation of neutrophil content with an enzyme marker, J Invest Dermatol, V.78, N.3, P.206-209, 1982 (abstract)				
	GF	Calver, A., Collier, J., Vallance, P., Inhibition and stimulation of nitric oxide synthesis in the human forearm arterial bed of patients with insulin-dependent diabetes, J Clin Invest, V.90, N.6, P.2548-2554, 1992 (abstract)				
	GG	Calver, A., Collier, J., Moncada, S., Vallance, P., Effect of local intra-arterial NG-monomethyl-L-arginine in patients with hypertension: the nitric oxide dilator mechanism appears abnormal, J Hypertens, V.10, N.9, P.1025-1031, 1992 (abstract)				
	GH	Chen, L.Y., Mehta, J.L., Evidence for the presence of L-arginine-nitric oxide pathway in human red blood cells on platelet function, J Cardiovasc Pharmacol, V.32, N.1, P57-61, 1998 (abstract)				
	GI	Cooper, K.D., Shukla, J.B., Rennert, O.M., Polyamine compartmentalization in various human disease states, Clin Chim Acta, V.82, N.1-2, P.1-7, 1978 (abstract)				
<div style="text-align: center;"> </div>	GJ	Courtright, L.J., Kuzell, W.C., Sparing effect of neurological deficit and trauma on the course of adjuvant arthritis in the rat, Ann Rheum Dis, V.24, N.4, P.360-368, 1965 (abstract)				
<table border="0" style="width: 100%;"> <tr> <td style="width: 15%;">Examiner</td> <td style="width: 40%;">Shin-Lin Chen</td> <td style="width: 20%;">Date Considered</td> <td style="width: 25%;">7-3-02</td> </tr> </table>			Examiner	Shin-Lin Chen	Date Considered	7-3-02
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gmc	HE	Cundliffe, E., Intracellular distribution of ribosomes and polyribosomes in bacillus megaterium, J Mol Biol, V.52, N.3, P.467-481, 1970 (abstract)
_____	HF	Drexler, H., Zeiher, A.M., Meinzer, K., Just, H., Correction of endothelial dysfunction in coronary microcirculation of hypercholesterolaemic patients by L-arginine, Lancet, V.338, N.8782-8783, P.1546-1550, 1991 (abstract)
_____	HG	Eich, R.F., Li, T., Lemon, D.D., Doherty, D.H., Curry, S.R., Aitken, J.F., Matthews, A.J., Johnson, K.A., Smith, R.D., Phillips, G.N., Jr., Olsen, J.S., Mechanism of NO-induced oxidation of myoglobin and hemoglobin, Biochemistry, V.35, N.22, P.6976-6983, 1996 (abstract)
_____	HH	Entman, M.L., Smith, C.W., Postreperfusion inflammation: a model for reaction to injury in cardiovascular disease, Cardiovasc Resc, V.28, N.9, P.1301-11, 1994 (abstract)
_____	HI	Entman, M.L., Michael, L., Rossen, R.D., Dreyer, W.J., Anderson, D.C., Taylor, A.A., Smith C.W., Inflammation in the course of early myocardial ischemia, FASEB J, V.5, N.11, P.2529-2537, 1991 (abstract)
gmc	HJ	Feld, G.K., Evolution of diagnostic and interventional cardiac electrophysiology: a brief historical review, Am J Cardiol, V.84, N.9A, P.115R-124R, 1999 (abstract)
Examiner	Shin-Lin chen Date Considered 11-3-02	



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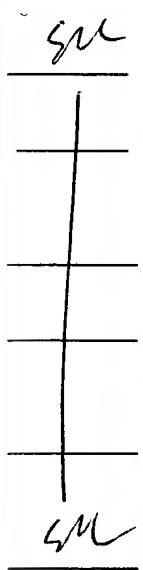
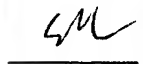
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_____	IA					
_____	IB					

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_____	IC		
_____	ID		

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	IE	Green, L.C., Wagner, D.A., Glogowski, J., Skipper, P.L., Wishnok, J.S., Tannenbaum, S.R., Analysis of nitrate, nitrite, and [15N] nitrate in biological fluids, Anal Biochem, V.126, N.1, P.131-138, 1982 (abstract)
	IF	Griswald, D.E., Hillegass, L.M., Hill, D.E., Egan, J.W., Smith, E.F., Method for quantification of myocardial infarction and inflammatory cell infiltration in rat cardiac tissue, J Pharmacol Methods, V.20, N.3, P.225-235, 1988 (abstract)
	IG	Hearse, D.J., Bolli, R., Reperfusion induced injury: manifestation, mechanisms, and clinical relevance, Cardiovasc Res, V.26, N.2, P.101-108, 1992 (abstract)
	IH	Herrera, F., Adamson, R.H., Gallo, R.C., Uptake of transfer ribonucleic acid by normal and leukemic cells, Proc Natl Acad Sci USA, V.67, N.4, P.1943-1950, 1970 (abstract)
	II	Hibbs, J.B., Jr., Taintor, R.R., Vavrin, Z., Rachlin, E.M., Nitric oxide: a cytotoxic activated macrophage effector molecule, Biochem Biophys Res Commun, V.157, N.1, P.87-94, 1988 (abstract)
	IJ	Hoshida, S., Kuzuya, T., Nishida, M., Kim, Y., Kitabatake, A., Kamada, T., Tada, M., Attenuation of neutrophil function by inhibitors of arachidonate metabolism reduces the extent of canine myocardial infarction, V.63, N.10, P.24E-28E, 1989 (abstract)

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JC			
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56	JE	Hofer, H.W., Pette, D., The complex nature of phosphofructokinase - a nucleic acid containing enzyme, Life Sci, V.4, N.16, P.1591-1596, 1965 (abstract)
	JF	Hui, S.W., Stewart, C.M., Carpenter, M.P., Stewart, T.P., Effects of cholesterol on lipid organization in human erythrocyte membrane, J Cell Biol, V.85, N.2, P283-291, 1980 (abstract)
	JG	Huot, A.E., Kruszyna, H., Kruszyna, R., Smith, R.P., Hacker, M.P., Formation of nitric oxide hemoglobin in erythrocytes co-cultured with alveolar macrophages taken from bleomycin treated rats, Biochem Biophys Res Commun, V.182, N.1, P.151-157, 1992 (abstract)
	JH	Khawaja, J.A., Interaction of ribosomes and ribosomal subparticles with endoplasmic reticulum membranes in vitro: effect of spermine and magnesium, Biochim Biophys Acta 1971, V.254, N.1, P.117-128, 1971 (abstract)
	JI	Kellogg, E.W., Fridovich, I., Liposomes oxidation and erythrocyte lysis by enzymically generated superoxide and hydrogen peroxide, J Biol Chem, V.252, N.19, P.6721-6728, 1977 (abstract)
6m	JJ	Kosaka, H., Harada, N., Watanabe, M., Yoshihara, H., Katsuki, Y., Shiga, T., Synergistic stimulation of nitric oxide hemoglobin production in rats by recombinant interleukin 1 and tumor necrosis factor, Biochem Biophys Res Commun, V.189, N.1, P392-397, 1992 (abstract)

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	KA					
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### OTHER DOCUMENTS

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	MA					
	MB					

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	MC		
	MD		

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LM	ME	Osorio e Castro, V.R., Ashwood, E.R., Wood, S.G., Vernon, L.P., Hemolysis of erythrocytes and fluorescence polarization changes elicited by peptide toxins, aliphatic alcohols, related glycols and benzylidene derivatives, Biochim Biophys Acta, V.1029, N.2, P.252-258, 1990 (abstract)
	MF	Peng, H.B., Spiecker, M., Liao, J.K., Inductible nitric oxide: an autoregulatory feedback inhibitor of vascular inflammation, J Immunol, V.161, N.4, P.1970-6, 1998 (abstract)
	MG	Rodionova, N.P., Shapot, V.S., Ribonucleic acids of the endoplasmic reticulum of animal cells, Biochim Biophys Acta, V.129, N.1, P.206-209, 1966 (abstract)
	MH	Rothenberg, M., Johnson, G., Laughlin, C., Green, I., Craddock, J., Sarver, N., Cohen, J.S., Oligodeoxynucleotides as anti-sense inhibitors of gene expression: therapeutic implications, J Natl Cancer Inst, V.81, N.20, P.1539-1544, 1989 (abstract)
	MI	Rybczynska, M., Csordas, A., Chain length-dependent interaction of free fatty acids with the erythrocyte membrane, Life Sci, V.44, N.9, P.625-632, 1989 (abstract)
LM	MJ	Salkowski, C.A., Detore, G., McNally, R., van Rooijen, N., Vogel, S.N., Regulation of inducible nitric oxide synthase messenger RNA expression and nitric oxide production by lipopolysaccharide in vivo: the roles of macrophages, endogenous IFN-gamma, and TNF receptor-1-mediated signaling, J Immunol, V.158, N.2, P.905-912, 1997 (abstract)



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		Applicant: Zenoviy TKACHUK	
		Filing Date: March 24, 2000	Group Art Unit:

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	Applicant: Zenoviy TKACHUK	



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